



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 25 59334

OAK RIDGE, TENNESSEE

Tuesday, June 28, 1949

Savings Plan Check Distribution Set For Friday, July 1, In Y-12; Many Activities Being Planned For Long Week-End July 4 Holiday

Good news for Y-12 employees came last Friday when it was announced that checks for all plant personnel participating in the Fifth Carbide Savings Plan would be distributed Friday, July 1. The distribution will be made at the regular pay points for all employees.

The savings plan checks will represent a neat nest egg for the Y-12 employees who for the past two years have been contributing through payroll deductions to the plan. In addition to the contributions of the employees, the Company has added from 10 to 30 per cent to the deducted amounts and two per cent on the total.

The Fifth Carbide Savings Plan was inaugurated in Y-12 July 1, 1947, shortly after Carbide and Carbon Chemicals Corporation took over operations here. A large percentage of Y-12ers took advantage of the opportunity to save money through the plan and in May 82 per cent of the employees on the payroll at that time were enrolled.

The distribution of the savings plan checks is the first big event of the month for Y-12ers to talk about as the second half of the year 1949 gets underway.

Next, of course, comes the Fourth of July holiday—the second long week-end holiday of the year. In accordance with regular plant holiday procedure, no employees in the Y-12 plant will be required to work except those whose presence on the job is necessary to assure the continuous operation and protection of the plant such as the skeleton forces which are required to work on Saturdays and Sundays. Absences occurring on the days immediately preceding or following this holiday will not be excused except when written evidence is presented to the employee's Division Superintendent indicating that unavoidable circumstances necessitated the absence.

Y-12 folks have indicated they will observe the long week-end holiday in many different ways.

Sports minded employees in Y-12 will have ample opportunity to enjoy themselves, either participating in or just watching their favorite activity. The Oak Ridge Golf and Country Club is expecting a record number of golfers to play the sporty course over the week end. Tennis courts also are expected to be at a premium as netters go into action.

Fishing, swimming, motor and sail boating, going on picnics and similar less strenuous but equally enjoyable pastimes will beckon many Y-12 folks. Many other will take advantage of the time off to make trips to nearby cities for visits with friends and relatives.

In all of these activities a general warning has been issued to "take it easy" and "be careful." Over-exertion and exposure to heat and bright sunshine can bring on heat prostration or at least a bad case of sunburn that can ruin the pleasure to be had during the holiday. Visitors to woods are cautioned against contact with poison shrubs such as poison ivy and oak. Persons planning relaxation on the water, either swimming or boating, are urged to observe all precautions for their own safety and those of others. Swimming in unguarded waters, or immediately after meals, is a definite hazard. Those going boating are urged not to overcrowd the craft, not to "rock the boat" and to see that ample life preservers are available. For highway travelers, a close check of their own automobiles before starting on a trip is suggested to see that the car is in good condition. Once on the road, thorough observance of traffic laws and regulations will do much toward bringing the family back home safe. This is especially true over any Fourth of July week end when the highways will be clogged with traffic and casualty figures usually mount to high figures.

Number Designation Given Departments

Under a new accounting system to become effective July 1 in Carbide and Carbon Chemicals Corporation facilities in Oak Ridge, numbers or numerals will replace alphabetical symbols in designating accounts and departments throughout the three installations. The change has been made because International Business Machines Co. machines are to be installed and these machines cannot handle the alphabetical symbols.

As a result of the change every department in Y-12 will, after July 1, be designated by a number instead of a combination of numbers and letters. In the new system the first number of an account or department symbol will identify the plant to which the account or department belongs. For instance:

1. K-25 plant.
2. Y-12 plant.
3. X-10 plant.

Supervision Given Instructions

Instruction in the new accounting system has been given to Y-12 Supervision in Supervisory Training sessions, when details of the system were explained and questions answered.

The new numerical designation, the old symbol and name of Y-12 departments is published on Page Two of this edition of The Y-12 Bulletin.

Plant Absentee Mark Rises To 2.4 Per Cent

After four straight weeks of maintaining an absentee record of only 1.8 per cent, the Y-12 plant mark for the week ending June 19 increased .6 per cent to bring the figures to 2.4 per cent.

Only two departments, both in the Minor League, reported perfect attendance records for the week ending June 19 as against eight the preceding week. Both of these were repeaters from the previous week and were Dept. M12S, Steam Plant; and Dept. A12T, Automotive Repair Shop.

Dept. A14N Still On Top

In the Major League Dept. A14N, Electrical Equipment Repair and Maintenance, took first place again for the sixth time in seven weeks. Its absentee mark for the week ending June 19 was .3 per cent, which was .4 better than it posted the previous week.

Second place in the Minor League was taken by Dept. A12W with an absentee mark of .6 per cent. This

(Continued On Page 2)

SAFETY SCOREBOARD

Your Plant Has

Operated

ONE DAY

Without A Lost Time

Accident

THROUGH JUNE 23

Chemistry Radio Program Suspended

The weekly broadcasts sponsored by the East Tennessee Section of "Headlines in Chemistry," have been suspended for the summer, the American Chemical Society, members of the group in Y-12 have announced. They have been given over Oak Ridge Radio Station WATO every Saturday afternoon and will be resumed in the autumn.

Renewal Of State And Government Driving Permits Required Before July 1; Safety Lane Opens Then

Thursday, June 30, is a deadline day for Y-12 employees operating their own or government-owned vehicles. It marks the expiration date of both the government "motor vehicle operator's permit" and also the "state of Tennessee operator's license."

Any employee who will require a government permit after July 1 must obtain a new state license before that date and submit it along with the old permit to the Y-12 Safety Office at the North Portal. The old government permit will be stamped to indicate renewal.

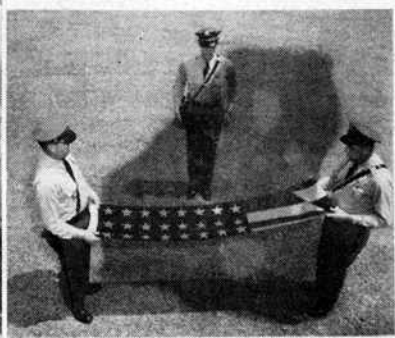
Tennessee licenses will be on sale at the Oak Ridge police training school headquarters in the rear of police headquarters on the Oak

Ridge Turnpike from 11 a.m. to 7 p.m. daily until 7 p.m. Thursday night. Applicants must submit a valid permit now issued in the name of the driver or take an examination. Drivers holding permits from other states or new drivers must take an examination given by the State Highway Patrol as will drivers now holding valid permits who do not renew them before the deadline. The permits cost \$1 each and are good for two years.

July 1 also marks the effective date of the new Tennessee financial responsibility law, passed by the 1949 legislature. The law requires a report to the state commissioner of safety of all accidents in which any person is killed or injured or in

which property damage exceeds \$50. It then provides that owners of vehicles involved in accidents must be able to satisfy a judgement up to \$11,000 that might result from the accident. Failure to comply with provisions of the law regarding financial responsibility may result in loss of state driving license and ownership registration.

The Oak Ridge Safety Lane also will open July 1 for the second half of the year inspection period which will last until September 24. The safety lane will be open from 9:15 a.m. to 1 p.m. and 1:45 p.m. until 6 p.m. Tuesdays through Saturdays. Present safety lane stickers will be honored through September 24.



Y-12 Photos By Vince Moore

"OLD GLORY" WHIPPING IN THE BREEZE AGAINST A brilliant background of white clouds always is an inspiring sight and an inspiring thought to all Y-12ers. Then when it is time to lower the flag it is done strictly according to regulations. In the smaller pictures members of the Y-12 Guard Department carefully lower the colors and then fold the flag before stowing it away for the night. In each picture from left to right are O. C. Beatty, Sgt. T. B. Osborne and T. D. Ogle.

So, You're An American! Check Knowledge Of U. S. Government

Approximately one of every 16 people in the world is born in the United States. The chances are that you were one of the lucky ones.

As a citizen by birth, you didn't have to flee tyrannies abroad to get here. You didn't have to scrimp and save to get passage money to America. You didn't have to wait until the United States Government permitted you to enter. You didn't even have to decide that you wanted to be an American. You were born here.

Suppose for a moment, you were not born in the United States. Suppose for a moment, you couldn't become a citizen unless you could answer the following questions:

1. What is the Constitution of the United States?
2. How can we change the Constitution?
3. The first 10 amendments give us special rights. What are some of them?
4. What important right is given by the 15th Amendment?
5. What are the three branches of our Government and what is the duty of each?
6. How many members are there in the Senate?
7. Who may be a member of the House of Representatives?
8. How does a bill become a law?
9. Who is our Vice President?
10. Who may be President or Vice President of the United States?
11. Who appoints the justices of the Supreme Court and how long do they serve?
12. What is the motto of the United States and what does it mean?

How well did you do?

Check your knowledge of our American form of government by turning to Page Three.

Y-12 Fathers Cub Scout Lads Actively Back

A strong, healthy, vitalized and intelligent youth is one of the prime requisites of a strong, healthy, vitalized and intelligent nation — and one of the most vigorous links in the backbone of democracy in the United States today is the Boy Scouts and their junior counterpart, the Cub Scouts.

The Scout movement has been hailed as one of the leading influences in the nation for the benefit of its youths. Training in patriotism, leadership, craftsmanship, courtesy — all is given in Scouting to boys who are a cross section of the community in which their units are active.

Many Y-12 Fathers Interested

Here in Oak Ridge where Scouting is on a high plane many Y-12ers are fathers of boys who are either Boy Scouts or Cub Scouts. These fathers, in most instances, don't let their interest in the movement end with providing the boys with a uniform and equipment but enjoy participating with the youngsters in the troop, pack or den activities.

As an example of such activities is the little group of youngsters and their parents affiliated with Den

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Let's Everybody Enjoy A SAFE and SANE Fourth Of July Holiday

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Plant Absentee Mark Rises To 2.4 Per Cent

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group was one of the eight with perfect attendance records the previous week. Dept. B12A, Superintendents, another department in the tie for top the previous week, dropped to third place with 1.1 per cent of its personnel absent.

Process Development Advances

In the Major League, Dept. H12E, Process Development, advanced from third place held for the week ending June 12 to second with an absentee mark of .7 per cent. This department swapped placed with Dept. A12G, Guards, which dropped from second to third with an absentee record of 1.8 per cent.

The Y-12 absentee record for the week ending June 19, by departments, follows:

MAJOR LEAGUE More than 50 Employees Scheduled			
Dept.	Absent Percentage	6-19-49	6-12-49
A14N	0.3	1	1
H12E	0.7	2	3
A12G	1.8	3	2
B12L	2.10	4	6
H12L	2.14	5	8
A20N	2.24	6	11
M12P	2.24	6	5
A17N	2.3	7	4
A12S	2.8	8	7
H12D	3.3	9	12
B13L	3.8	10	9
A16N	3.9	11	10

Group absentee percentage was 2.3 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Absent Percentage	6-19-49	6-12-49
M12S	0.0	1	1
A12T	0.0	2	1
A12W	0.6	3	1
B12A	1.3	4	1
A12D	1.4	5	8
A14J	1.6	6	2
M12M	1.8	7	4
M15P	2.1	8	1
A12N	2.2	9	1
A13N	2.2	10	1
A13T	3.2	11	6
A13W	4.1	12	9
A12R	4.27	13	7
A12M	4.32	14	5
A12A	6.3	15	3

Group absentee percentage was 2.4 per cent, 1.1 per cent higher than the preceding week.

The plant average for the week ending June 19, was 2.4 per cent, .6 per cent higher than the preceding week.

Consult Doctors If Chest Hurts

Persons suffering from feeling of compression in the chest, shortness of breath, pounding or fluttering heart or rapid or irregular pulse beat may—or may not—have heart trouble. In any event, the Metropolitan Life Insurance Co. urges such persons to immediately consult a doctor to determine the severity of the trouble.

Film Society Sets Meeting Thursday

Y-12 employees who are members of the Oak Ridge Film Society are urged to attend the society meeting at 8 o'clock Thursday night, June 30, when the group will see the film "The Seventh Veil" and vote on pictures to be shown for the next season. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Leonard R. Bledsoe, Dept. A16N, Phyllis M. Brown, Dept. H12D; Thomas H. Burger, Dept. A13T; Woodrow A. Wigginton, Dept. M12P; Jack M. Case, Dept. A16N; V. W. Arms, Dept. B12H; John A. Bradshaw, Dept. A16N; Willie T. Vale, Dept. A12A.



Y-12 Photos By Vince Moore

MISS LUCILE MURPHY, DEPT. M12P, WHO WAS MARRIED Saturday, June 25, to Allen Townsend, also of Dept. M12P, was honored with a crystal shower June 21 at the home of Corinne Hill, 106 Reed Lane. Hostesses at the event are shown above, from left, Earlene Elder, Corinne Hill, Miss Murphy and Ann McWilliams. Lennie Messamore, also a hostess, was not present when the picture was made. Others attending the shower included Betty Sherman, Ethel Bow, Mary Anderson, Iwada Boshears, Mattie May, Daisy Ward, Ann Wiggins, Dell Walker, Nazy Carson, Evelyn Frazier, Dorthy Ditty, Nina Lowry, Margaret Carter, Ophelia Littlefield, Wilma West, Ruth Scheitlin, Naomi Sexton, Garnette Adams, Margie Giles, Ruby Jones and Martha Ray.



J. D. Bowers, Dept. A12M, is in Parkersburg, W. Va., visiting relatives . . . The department extends sympathy to O. C. Hartman, whose brother died in Detroit, Mich., June 19. Funeral services were held in Greeneville, Tenn., last week . . . Frances Smith is visiting with relatives and friends in Fayetteville, Tenn., during her vacation.

Dept. A12J welcomes Betty Jo Butler back on the job after being ill. During her vacation Ruth Law, Dept. A12P, visited in Daytona Beach and St. Augustine, Fla. Joe Dunlap, Dept. A20N, went fishing at Fontana Dam during a recent vacation and reported fishing wasn't so good. He only caught three little bream and a few rock bass, better known as redhorse. The latter part of his vacation was spent calling on relatives in Rock Island, Tenn. . . . R. R. Chilcoat is back on the job after vacationing in Alabama . . . We extend get well wishes to J. D. Hilton and N. L. Derryberry, who are on the sick list . . . T. E. Lankford spent his vacation beautifying the Lankford's new home on Norris Freeway.

Dept. A13N extends get well wishes to R. D. Freels, who continues ill . . . C. J. Beckett and L. R. Bailey are on the vacation list. J. Clyde Bowles, Dept. A12W, offers his sincere thanks for the many expressions of sympathy extended to him by fellow Y-12 employees over the death of his father, C. L. Bowles, in Knoxville, June 19 . . . Evelyn Brackney spent a recent week end with her parents in Elizabethton, Tenn.

Lillian Hamlet, Dept. A19N, had as Sunday guests her mother, Mrs. W. R. Hamlet, brother, Jack, and Mrs. Ruth Howard, all of Cumberland Falls, Tenn. During his vacation Kenneth Brown, Dept. A13S, spent most of his time getting acquainted with his new son, Kenneth Samuel . . . Arthur Phillips spent his vacation taking like easy at his home in LaFollette, Tenn.

K. O. Johnson, Dept. H12D, and his family have returned from a vacation trip spent with relatives in Miami, Fla. . . . R. W. Woodard and his family visited with relatives in Colorado . . . A. D. Ryon and his family are vacationing in Tiffin, Ohio . . . Phyllis Brown, who has been confined to a hospital in Monroe, N. C., because of injuries received in an automobile accident, has been transferred to the Oak Ridge Hospital. The department extends get well wishes . . . M. J. Fortenberry is back on the job after vacationing in Providence, Ky.

Dept. A12S extends deepest sympathy to L. H. Ross in the death of his aunt at Sevierville, Tenn., June 20 . . . J. D. Hayes and his family are vacationing with relatives in Gracey and Cadiz, Ky.

J. A. May, Dept. A12G, is vacationing at his home in Sweetwater . . . W. C. Nelson is spending a quiet vacation in Oak Ridge with a few fishing trips to Norris included . . . M. C. Brock is resting at his home in Fountain City . . . Capt. Ray Ledford and his family returned recently from a vacation spent in Camden, Ark., with Mrs. Ledford's folks. Ledford spent most of his time fishing on Bragg Lake and we will not fail to mention an accident in which Ledford took a dunk in the lake with all his clothes on.

Dr. C. P. Keim, Dept. H12L, and his family have returned after a vacation trip to Nebraska . . . J. R. Patton spent last week recuperating at his home in Oak Ridge after undergoing a tonsilectomy at the Oak Ridge Hospital . . . R. E. Meadows and his family are vacationing in Asheville, N. C. . . . Bill Chapman had as recent week-end guests Mr. and Mrs. J. A. Womble and their family, of Raleigh, N. C. . . . C. W. Frazier and his wife, Evelyn, Dept. M12P, spent a recent week end in Vanleer, Tenn.

Don Musser, Dept. B12L, is on the batch list while his family is visiting relatives in Tiffin, Ohio . . . Lacy Keele's small son was struck by an automobile near his home on Highland Ave. last week and was admitted to the Oak Ridge Hospital for treatment of shock and minor injuries. The department wishes him a speedy recovery . . . Isabelle McMurray spent a recent week end at her home in Jefferson City . . . Katherine Carroll returned recently from a vacation spent in Florida . . . Thelma Cole had as recent week-end guests her sister and her husband, Mr. and Mrs. Lewis Brown, and their two sons . . . Alice Elder and her husband spent a recent week end in Ducktown, Tenn.

Bill Carruthers, Dept. A14N, went on a fishing trip to Norris Lake recently, and was taking a short nap, we assume, when something got on his fishing line and before Bill could get himself together his fly rod was pulled into the lake . . . Earl Gross is vacationing with relatives in Lake City . . . George Schaefer spent a recent vacation in St. Louis, Mo.

Wesley M. Mercner, Dept. A12A, and his wife returned recently after vacationing with relatives in Philadelphia, Pa.

Bill Hays, Dept. A23J, the well known angler who got himself lost on Norris Lake recently, seems to be taking navigating seriously. He purchased a 14-foot Thompson Lake Model Deluxe outboard motor boat. When asked the intended

New numerical designations of Y-12 departments, effective July 1.

Name	New	Old
Janitors	2001	A12A
General Maintenance Office, Planning, Est.	2002	A12N
Maintenance Shops	2003	A16N
Maintenance Utilities	2005	A13N
Salvage	2006	A18N
Transportation	2008	A13T
Maintenance Automotive Equipment	2009	A12T
Maintenance Heavy Equipment	2011	A14T
Building And Grounds	2014	A17N
Field Maintenance	2015	A20N
Safety	2041	A13J
Fire Prevention And Inspection	2043	A24J
Central Reports And Information Office	2046	A12P
Plant Engineering	2060	A12W
Research Engineering	2064	A13W
Electrical Equipment Repair And Maintenance	2077	A14N
Medical	2090	A12D
Guard	2091	A12G
Fire	2093	A14J
Security	2094	A23J
Training	2095	A22J
Laundry	2096	A19N
Cafeteria And Canteens	2107	A12R
Health Physics And Hygiene	2108	A13D
Employee Relations	2109	A12J
Wage Standards	2115	A16J
Manufacturing Offices	2133	A12M
Property	2140	A13M
Stores	2142	A12S
Receiving And Shipping	2143	A14S
Tool	2144	A13S
Property Sales	2145	A15S
Superintendents	2200	B12A
Technical Service Laboratory	2270	B15L
Analytical Laboratory	2282	B12L
Assay Laboratory	2283	B13L
Chemical Research	2300	H12D
Electromagnetic Research Laboratory	2320	H12E
Isotope Research and Production	2360	H12L
Standby Plant Maintenance	2611	M16P
Product Chemical	2616	M12P
Product Processing	2617	M13P
Chemical	2619	M15P
Uranium Control And Computing	2739	M12M
Steam Plant	2743	M12S



Only one birth was reported at the Oak Ridge Hospital to a Y-12 family recently. Parents were Mr. and Mrs. John H. Gooch, a daughter, June 16.

ORNL Consultant To Address Physics Seminar Thursday

The regular weekly meeting of the Oak Ridge Physics Seminar will be held at 4 o'clock Thursday afternoon, June 30, instead of on Friday as usual because of the approaching holiday week end, officials of the group have announced. Several Y-12 employees participate regularly in the seminar sessions, held in the East Lounge of the Ridge Recreation Hall.

Prof. Karl Lark-Horovitz, of Purdue University, Lafayette, Ind., and a consultant in the Physics Division of the Oak Ridge National Laboratory will address the seminar meeting this week on "Experimental Tests of Theory of Nuclei." He will discuss the measurements of cross sections (alpha n) and (alpha 2n) reactions and their interpretations according to the statistical theory of Weisskopf.

name Bill said, "Guess I'll just call her 'Lost John'."

E. R. Crass, Dept. M12P, is back on the job after a restful vacation at his home in Lenoir City . . . G. I. Miller plans to spend his vacation in Oak Ridge with a side trip to Cherokee Lake to try his luck at fishing . . . Vera Rogers has as recent week-end guest Mrs. Frank Schad, of Minneapolis, Minn. . . W. C. Walker is vacationing in Memphis, Tenn., while R. D. Beasley is vacation in Chattanooga . . . Get well wishes are extended to W. A. Wigginton and Polly Lawrence, who are on the sick list.

Dept. A14J, extends deepest sympathy to U. R. Kirk in the death of his daughter, Mrs. Burnice Hammer, of Heiskell, Tenn., June 17 . . . C. A. Cook is vacationing in Tazewell, Tenn. . . During his vacation Thomas Chamber is visiting his brother who is ill in the veterans hospital in Waco, Texas.

Bakelite Travelcade Invites Y-12 Visitors

Y-12 employees who visit Chicago on vacation this year are invited to visit the Plastics Travelcade exhibition presented by the Bakelite Corporation in the Museum of Science and Industry. The exhibition is open to the public and has just been renovated. Admission is free.

The Bakelite Corporation is an affiliate of Union Carbide and Carbon Corporation, as is Carbide and Carbon Chemicals Corporation.

The Travelcade presents the vital role that Bakelite and Vinylite play in the world today. A special feature of the exhibit is the entrance hall which tells a story, "A Story of Plastics." Here visitors may see the origin of plastics from natural resources, raw materials, compounding, fabrication, and, finally, end uses.

There are approximately 20 individual displays that reveal the multitude of applications of Bakelite and Vinylite plastics in many diversified industries and in hundreds of consumer products. An injection molding press is in operation and produces a letter opener with a magnifying lens from Bakelite styrene plastic. Lectures with dramatized demonstrations are given daily.

July 4 Fireworks Display Scheduled

A fireworks display on the night of July 4 is one of the features of the Pepper All State Shows which will be playing an engagement under auspices of the Atomic City Post, No. 9, American Legion. Legion post officials say the show is scheduled to run from June 29 through July 9 at the Oak Ridge carnival grounds at Middletown.

—HARRY HAZARD—



4.30 GOLDEN HARRY HAD A DATE
RAN DOWN THE STAIRS FOR FEAR HE WAS LATE
AND AS USUAL, OUR HARRY DID FALL.
NOT ONLY WAS HE LATE, HE DIDN'T KNOW AT ALL.



Y-12 Fathers Actively Back Cub Scout Lads

(Continued from Page 1)

No. 5 of Pack No. 3127, Cub Scouts of Oak Ridge. This unit is composed of about 20 average and lively lads of nine, 10 and 11 years of age. During the past several months the Cub Scouts of Den No. 5 have been provided a well-rounded and informative program by their elders ranging from simple talks on science and travel to personalized instruction in knot tying and rifle shooting.

Grown-Ups Kept On Toes

So interested did the youngsters become in these varied sessions that the questions propounded kept the grown-ups on their toes and at the same time eager to be of assistance to the training and education of the Cub Scouts. The dens of Cub Scouts are subdivisions of packs in the organization setup.

For instance, Walcott Watson, of Y-12, showed the boys colored moving pictures of his trip through the Panama Canal to Tahiti in the South Seas. C. S. Harrill, a former Y-12er, also showed movies and operated his "ham" radio set for the edification of the den. Edward St. John, a friend of the den, also opened the airways to the youngsters and let them listen to "ham" operators from foreign countries. St. John also helped Larry Lavers, son of W. D. Lavers, of Y-12, and another member of the den, build three-tube radio sets of their own.

Varied Instruction Is Given

Another interesting phase of training for the youngsters was instruction given by members of the Oak Ridge Power Squadron, including several Y-12 employees and fathers of den members and Boy Scouts, in knot tying. Members of the Oak Ridge Sportsmen's Club taught the boys some of the most important principles of rifle shooting. Then the Oak Ridger, daily newspaper of the city, took Bob Larson, son of Dr. C. E. Larson, Y-12 Superintendent, on a tour of its plant. Bob Larson has published the "Oak Ridge News" on a press presented him two years ago and shown great interest in the journalistic field. He also publishes a Cub Scout newspaper.

Other activities enjoyed by the Cub Scouts included a trip to the Oak Ridge Hospital, a talk on Poland by Dr. David Berger, an enrollee some time back in the Oak Ridge Institute of Nuclear Studies, trips to the fire and police departments of the city, another to the Model Railway Club and other interesting jaunts.

Sell Clothes—Build Radios

Later the boys held a sale of some of their outgrown clothing. They earned \$11.50 from this project and invested it in material for construction of 11 crystal radio sets — built with assistance and advice from Harrill and George B. Lockhart, of Y-12.

Another interesting talk was given the pack by Dr. Anne Wight, of the Harvard University Medical School; and Dr. H. J. Jongepier, of the University of Amsterdam; who took time from their work at the Oak Ridge Institute of Nuclear Studies to speak to the youngsters on Germany and The Netherlands.

Den No. 5 was organized in September, 1947, with a membership of eight. As in most instances of Cub Scouts packs, the organizational work was done mostly by women—with Mrs. George Lockhart, taking the post of den mother, Mrs. Donald Woodbridge is her assistant. The organization continued with Mrs. Lockhart choosing Marshall Pengra, Jr., and Frederic Mance, Boy Scouts, as den chief and assistant, respectively. Then the cubs themselves elected Larry Lavers, son of W. D. Lavers, as denner (head of the den) with Bob Weldy assistant and Bob Larson as recorder.

Lions Club Is Sponsor

Dr. Larson then was chosen as den father with Lavers as advisor and Lockhart as pack treasurer. The Oak Ridge Lions Club entered the picture by sponsoring the pack as the group began to grow steadily.

Y-12 Photos By Vince Moore

HERE IS A PICTORIAL STORY OF ACTIVITIES OF CUB Scout Pack No. 3127, several members of which are sons of Y-12 parents. A number of the parents also are active in advisory capacities while other Y-12ers have assisted in instructing the youngsters. No. 1—Dr. David Berger, left, of Montreal, Canada, talks to the boys on Poland. The adults seated in the background are George Lockhart, of Y-12, pack treasurer; Fred Richmond; Dr. C. E. Larson, Y-12 Superintendent, den father; W. D. Lavers, also of Y-12, den advisor; and E. A. Pluhar. Among the cub scouts shown interested in Dr. Berger's talk are Larry and Donny Lavers, Buck Lockhart and Bobby Larson, all sons of Y-12 parents. No. 2—Dr. Anne Wight, of the Harvard University Medical School; and Dr. H. J. Longspied, of the University of Amsterdam, tell the youngsters about their experiences in Germany and The Netherlands. Among the girls in the background who "horned in" to the cub pack meeting to hear the visitors is Rosemary Lockhart. No. 3—Several Y-12 members of the Oak Ridge Power Squadron show the boys how to

tie nautical knots. Former Squadron Commander Fred Franklin is shown in the center at rear overseeing the work. Other adults in the picture are all Y-12 employees, being from left, George Banic, George Lockhart, Bill Brundage, Henry Gibson and Bill Rathkamp. Buck Lockhart, Bob Larson and Larry Lavers are among the boys at the table. No. 4—The boys try their hand at firing on the indoor range of the Oak Ridge Sportsmen's Club. From left are Edward DePersio, Don Woodridge, instructor; Buck Lockhart, Gerald DePersio; Don Kline, instructor; Larry Lavers; Instructor A. A. Abbatiello; Tim Woodridge and Donny Lavers. In addition to the sons of Y-12 parents mentioned in the pictures other boys appearing in one or more of the photographs include Bob Weldy, Marvin Miller, Skippy Pluhar, Nick Richmond, Arthur Diamond, Willard Bond, Jr., Karl Norton, Jack Heakin, Joe Cornell Thompson, Frederick Mance, a Boy Scout and assistant den chief; Donald Sawyer, David Norton, Larry Moore, Mike Pengra and Mark Cohn.

Here Are The Answers To Questions In Story 'So You're An American!' How Right Were You?

1. The Constitution of the United States is the statement of the organization and principles of the government of the United States.

2. The Constitution may be changed or amended by Congress, whenever two-thirds of both houses deem it necessary or two-thirds of the state's legislatures apply to Congress for amendment. In either case, the amendment must be ratified by the legislatures of three-fourth of the states, or by conventions in three-fourth of the states, provided that no state, without its consent, shall be deprived of its equal suffrage in the Senate.

3. The rights given in the first 10 amendments include:

The right of freedom of religion, speech, the press, assembly and petition for redress of grievances.

The right of the people to keep and bear arms.

The right to legal regulation of billeting of soldiers.

The right to security against unreasonable search and seizure.

The right of legal protection to life, limb, liberty and property.

The right in criminal cases to a speedy, public trial with aid of counsel.

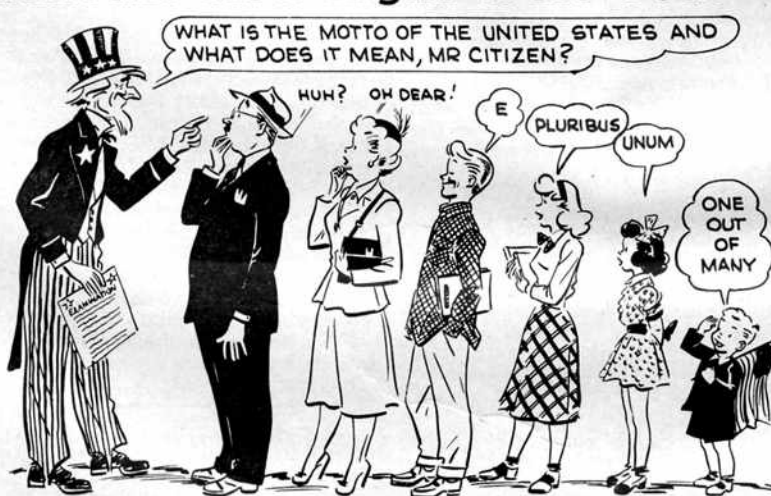
The right of trial by jury.

The right of freedom from excessive bail, fine, or punishment.

The right of freedom from denial of rights not mentioned in the Constitution.

The rights of the states to powers not delegated to the United States and not prohibited to the states by the Constitution.

4. The 15th amendment assures freedom of the vote for all races



and colors.

5. The three branches of the Government are the Legislative, the Executive and the Judicial. The Legislative branch makes the laws, the Judicial interprets the laws and the Executive carries them out.

6. There are 96 Senators, two from each state.

7. Any person 25 years or older who has been a citizen of the United States for seven years may become a member of the House of Representatives, provided that he is a resident of the state in which he is elected.

8. A bill becomes a law when it is passed by both houses and (1) signed by the President (2) passed by two-thirds of both houses over the President's veto or (3) the President takes no action on the bill for

10 days after receiving it.

9. Alben W. Barkley, former United States Senator from Kentucky.

10. The qualifications for the President and the Vice President are the same. They are to be any natural-born citizen, 35 years or older who has been a resident in the United States for 14 years.

11. The President appoints the justices of the Supreme Court and they hold their offices during good behavior.

12. The motto of the United States is "E Pluribus Unum." It means "One out of many."

Ideals are like stars - we never reach them, but like the mariners on the sea, we chart our course by them.



THIS PICTURE IS A BLACK and white reproduction of a color slide made by Nat Stetson, vice president of the Carbine Camera Club, that won a recent club contest. It was entitled "A Bowl Of Fruit." Although all of the beauty of the color is lost in reproduction, the care in arrangement and lighting can be seen. Stetson used a Kodak Reflex camera and Khrachrome color film and blue photo flash flood lighting.

Land, Air Vehicle Deaths Are Cited

Records of the Metropolitan Life Insurance Co. show that the death rate from accidents caused by land and air vehicles was only slightly higher in 1946 than it was in 1911. In view of the vast increase in the amount of freight hauled and traveling done by American families, particularly by automobile, the slight increase in the death rate is described as encouraging by the company.

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SPORTS NEWS IN Y-12

Rippers Rip Way Back To Top Of Plant League; First Half Of Season Comes To Close On July 7

The Rippers of the Y-12 plant softball league ripped right back to the top of the standings last week, replacing the All Americans who suffered a pair of losses since last listing of results while the league leaders rallied from a brief slump to capture a pair. The All Americans were tied for second place with the fast rising Bums as of last Thursday.

First Half Ends July 7

Weather permitting, the first half of the season will be brought to a close with games scheduled for Wednesday, July 7. The schedule for the remainder of the first half follows:

Wednesday, June 29

5:45 p.m., All Americans vs Isotopes. 7:15 p.m., Women's game. 8:45 p.m., Bums vs Hit Balls.

Friday, July 1

5:45 p.m., Hit Balls vs All Stars. 7:15 p.m., Bldg. 9212 vs All Americans. 8:45 p.m., Rippers vs Isotopes.

Wednesday, July 7

7:15 p.m., Rippers vs Bldg. 9212. 8:45 p.m., Open for any play offs necessary to complete first half of the season.

Some excellent games were uncorked in the period beginning June 17 and extending through last Wednesday night. The Isotopes took one of the best tilts of the season from the Hit Balls by scoring a 3 to 2 win as both teams could get but five hits. The Rippers got revenge for an earlier defeat by trimming the All Americans, 6 to 3, and winning the hard way by defeating Johnny Webb, star All American hurler. The Rippers got only four hits, but had one big inning to turn in the triumph.

Mustin Blanks All Americans

The All Americans also were on the wrong end of one of the few shutouts of the season, being blanked by Bldg. 9212 with Mustin hurling three-hit ball. Hit-happy fans also got their way in some contests, Bldg. 9212, for instance, walloping the Hit Balls 17 to 6 in a game cut short because of the long lead held by the winners.

In that Isotope-Hit Balls battle Ed Sise held the losers to no runs until the final inning. Davis was the gun for the Isotopes, scoring all three runs off two hits and a life on an error. The Hit Balls' Barker bopped two for three, including a three-bagger.

Five Teams Are Bunched

The first five teams in the league are well bunched and although the Rippers had a one-game lead going into Thursday, anything might happen between now and July 7.

Scores of games played between June 17 and last Thursday and the league standing at that time follow:

Team				R H E			
Hit Balls	0	0	0	0	0	2	2 5 3
Isotopes	1	0	1	0	0	1	3 5 2
Batteries: Hit Balls, Sise and McGinnis. Isotopes, Love and Frazier.							
All Stars	0	0	3	1	0	1	5 6 2
Bums	5	0	2	0	1	x	8 8 0
Batteries: All Stars, Tilson and Marrow. Bums, Darby, Walton (6) and Hale.							
Rippers	0	0	1	4	0	1	6 4 2
All Americans	0	2	0	1	0	0	3 7 3
Batteries: Rippers, Lowery and Gordon. All Americans, Webb and Boatman.							
Hit Balls	0	3	0	1	2	x	6 7 2
Bldg. 9212	2	4	8	3	x	x	17 10 4
Game called because Bldg. 9212 was 10 runs ahead.							
Batteries: Hit Balls, Gossard, Lewis and Cooley. Bldg. 9212, Barker and Moses.							
All Stars	0	0	1	0	2	3	1 7 8 3
Isotopes	2	3	0	2	6	0	x 13 10 2
All Stars, Tilson, Higgins and Marrow. Isotopes, Love and Griffin.							
All Americans	0	0	0	0	0	0	0 3 0
Bldg. 9212	0	0	0	1	1	1	x 3 7 2
Batteries: All Americans, Ross and Boatman. Bldg. 9212, Mustin and Wallace.							
Rippers	2	0	3	2	0	4	3 14 13 1
Hit Balls	0	0	0	0	0	1	1 2 9 5
Batteries: Rippers, Gordon and Lowery. Hit Balls, Sise and Sherrod.							

LEAGUE STANDING

Team	W	L	Team	W	L
Rippers	8	2	B'dg. 9212	6	5
All Americans	7	3	Hit Balls	3	8
Bums	7	3	All Stars	2	8
Isotopes	7	4			

Underweight, especially in the late 'teens and early 20s, may indicate poor physical condition and a lowering of the body's defenses against disease, particularly pneumonia and tuberculosis.

The woman walking a spirited Doberman along the sidewalk was obviously pleased with the attention she and the dog attracted. "He looks pretty ferocious," said an old lady. "What kind of a dog is he?"

"A Doberman Pinscher."

"Does he bite?" asked the old lady.

"No, he just pinches Dobermans."



Y-12 Photos By Vince Moore

MAYBE NOT AS COLORFUL AS THEIR NAMESAKES, the Brooklyn Bums, the Bums of the Y-12 Plant League have just as much fun. In the picture above in the front row from left are M. C. Bayes, Pete Francis, E. B. Kimbrough, R. E. Alstun, Hugh Rice, Jess Hammond and Manager R. V. Rinehart. Standing are W. C. Anderson, R. E. Hale, I. J. Shotts, Kenneth Brown and Frank Darby.

Cards Meet Vets On Friday Night To Conclude First Half Of Season

The Y-12 Cardinals hope to climb at least one notch in the standings of the Oak Ridge Baseball League Friday night, July 1, when they tackle the Veterans Of Foreign Wars outfit at 8:15 p.m. under the lights of Oakwood Park, No. 1. This game will bring the first half of the season to a close and by a coincidence the Cards also pried the lid off the season back on May 23.

Classy Lassies Of Y-12 Blank K-25 Netters

Those classy lassies of the courts, the Y-12 women's tennis team, wound up the first half of the season in the Oak Ridge City League so far ahead of their nearest foes that the second place team barely could be spotted by the Palomar telescope. The Y-12 girls whitewashed the K-25 racqueteers last Tuesday in six matches and finished the first half of the season with a record of 31 matches won and but four lost.

Oak Ridge National Laboratory was second with 21-16, the Independents third with 17-18 and K-25 last with 3-33.

Against K-25 singles matches were taken by Mozelle Rankin over Greene 6-0, 6-2; Joan Gilliam over Wade 6-4, 6-0; Mary Freestone over Thaylor 6-0, 6-4; and Elizabeth Patrick over Holmes, 6-2, 6-2. Helen Burkhalter and Ann Hart beat Jolly and Lane in doubles 6-3, 6-4 and Virginia Spivey and Lovelle Thompson topped Moore and Bustin, 4-6, 6-1, 6-1, in the only full length match of the contest.

The second half of the season in the women's net loop will begin July 5 after tournaments are held for men and women tennis players in the city.

Second Matches In Chess Loop To Be Played Monday, July 11

The second matches of play in the Oak Ridge Chess League will be played at 8 p.m., Monday, July 11, in the Ridge Recreation Hall. The league opened its season last night and the schedule eliminates play on July 4.

The league now is composed of teams from Y-12, two from the Oak Ridge National Laboratory, K-25, Fairchild and a Business and Professional Group. Rules were adopted for league play at the final practice match play June 20.

Y-12ers from whom the five-man team to play each week will be picked include Allen, Blakely, Coleman, Crouse, Hill, Musser, Nessle and Robinson.

Never leave rakes in the yard with prongs up.

With some new blood in the lineup, Manager Bill Burns expects his lads to perk up considerably for the rest of the summer. Most of the players are hitting well but bobbles afield have handicapped the pitching staff.

Support Of Fans Sought

The team could use a lot of fan support, also. A few cheers from the stands means a lot to the players and Y-12 fans can be assured of being well entertained when they turn out for any of the Cardinal games.

A losing streak was broken by the Cards on Friday, June 17, when they trimmed the AEC Patrol by the score of 13 to 9. The Cards got away to a good start and were never headed. Elmer Johnson got three for five as did Jay Holzknecht and Warren Grimes punched out three hits out of six trips to the plate. Johnson also score three runs.

However, the loop-leading Oak Ridge National Laboratory crew walloped the Cards by 15 to 5 on June 20 as the Y-12 defense again was loose and the hitters could bang out only five safeties.

In a practice tilt last Wednesday on the Scarboro diamond the Cards and the Oak Ridge Giants played to a 4-4 tie with the game being called at the end of five innings on account of darkness.

Holzknecht Leads Card Hitters

Holzknecht is leading the Y-12 hitters with a nifty .555 percentage gained from getting five hits out of nine trips to the plate. Guttery is second with .454, and is followed by Kappelmann with .434, Grimes with .379 and Johnson with .375.

The ORNL outfit was on top of the league with seven wins and no losses as of last Thursday. K-25 is second with six and two, followed by Community Stores with two and two and the VFW group with two and four. Y-12 is sixth with two and five while the AEC Patrol brings up the rear with only one win and seven losses.

Line scores of the two games mentioned above follow:

Team	R	H	E
Y-12	3	5	1
AEC Patrol	0	2	4
Batteries: Y-12, Kappelmann, Johnson (3) and Noe. AEC Patrol, Stewart, Talley (2) and Smith.			
Y-12	0	0	3
ORNL	2	0	6
Eight innings by agreement.			
Batteries: Y-12, Johnson, Kappelmann (6) and Noe. ORNL, Gwinn, Lewellyn (5) and West.			



Y-12 Photos By Vince Moore

THEY BROUGHT HOME THE CUP FOR GOOD, THIS Y-12 golf team did in competition with six other eight-man teams representing various organizations. Standing from left are Bob Orrison, Larry Koontz, Ed Cain holding the trophy; Doug Lavers, Bill Reynolds and Emil Vincens. Inset at top left is J. Clyde Bowles and at right is Floyd Ludwig, neither of whom were able to be present when picture was made.

Golf Team Of Y-12 Brings Cup Home To Rest With Triumph

Consistent team play by a group of eight Y-12 golfers Saturday June 18, brought permanent possession of the handsome trophy placed in competition last year among six teams in Oak Ridge. It was the third victory for Y-12 in the inter-organization tournaments and the 20-inch tall prize now goes into retirement in the Y-12 Trophy case in the Recreation Office, North Portal.

The next match between the six will be held some time in July and another in September. Another trophy will be awarded the team with the low aggregate score for the three 1949 summer matches to become the permanent property of the winner.

In the June 18 competition, the Y-12 team scored a low team total of 130 points. Other scores were Atomic Energy Commission 154½, K-25 178½, Oak Ridge National Laboratory 197, Roane-Anderson 255 and J. A. Jones 259. Freestone, of AEC, had the low individual score for the match with a fine 77, one of the best scores ever made over the tough Oak Ridge course. Allen, of J. A. Jones; and Cater, of Roane-Anderson; tied for second place with 79s.

W. D. Lavers shot low score of 84 for Y-12 and it was the consistent scores of the rest of the team, all of whom were well bunched, that brought the victory. Other members of the triumphant team were Emil Vincens, Floyd Ludwig, Clyde Bowles, Larry Koontz, Bill Reynolds, Bob Orrison and Ed Cain.

Varsity Softies Of Y-12 Still Lead League

The Y-12 varsity softball team in the Oak Ridge Recreation League remained unbeaten as of last Thursday and racked up their fourth straight victory with a 7 to 2 win over the Eagles Friday night, June 17. Ed Sise and Phillips hurled for the Y-12ers with Hale catching.

The Y-12 softies were scheduled to play last Friday night and have completed their first half of the season schedule. The second half opens Friday night, July 8 with Y-12 booked to play Wildcats Den at 9 p.m. The National Guard and Eagles open the program and the second tilt will be between T. and C. and the Moose.

Line score of the Y-12 win over

League Golfers Urged To Catch Up On Matches

This week is the last week of play in the first half of the season in the three Y-12 plant golf leagues and a number of teams are behind in their scheduled matches. Recreation Supervisor Arnold Tiller has urged those teams to make every effort to catch up with the schedule before the plant-wide tournament is scheduled for play July 9, 10 and 16.

The standings in the three golf leagues as of last Thursday follow:

BIRDIE LEAGUE				W L			
Tiller-Grimes	6	1	1				
Olson-Nessle	5	1	1				
Cain-Hooker	3	2	2				
Ratjen-Henderson	4	3	2				
Dunlap-Crews	1	2	2				
Harris-Matlock	1	4	2				
Barker-Doyle	1	4	4				
Foster-Brown	1	5	5				

PAR LEAGUE				W L			
Keese-Mitchel	6	1	1				
Caldwell-Stetson	4	1	1				
Peterson-Overholser	3	2	2				
Lavers-White	4	3	2				
Holzknecht-Adkins	1	2	2				
Reynolds-Bernander	1	3	3				
Bowles-Weist	1	4	4				
Herndon-Underwood	0	4	4				

BOGEY LEAGUE				W L			
Orrison-MacKay	2	1	1				
Tibbatts-Wanamaker	3	2	2				
Ludwig-Cotton	3	2	2				
Stroecker-Crouse	2	2	2				
Koontz-Lister	2	2	2				
Sherrod-Seymour	1	1	1				
Duncan-Hubbard	1	3	3				
Larson-Tilson	0	1	1				

the Eagles follows:

Team	R	H	E
Y-12	0	0	3
Eagles	1	0	0
Batteries: Y-12, Sise, Phillips and Hale. Eagles, Fuller and Hileman.			

The woman walking a spirited Doberman along the sidewalk was obviously pleased with the attention she and the dog attracted.

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